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United States Patent [19]**Cho**[11] **Patent Number:** **5,397,953**[45] **Date of Patent:** **Mar. 14, 1995**[54] **STATOR FOR DISC TYPE ELECTRIC MOTOR**[75] **Inventor:** **Chahee P. Cho, Portsmouth, R.I.**[73] **Assignee:** **The United States of America as represented by the Secretary of the Navy, Washington, D.C.**[21] **Appl. No.:** **153,449**[22] **Filed:** **Nov. 17, 1993**[51] **Int. Cl.⁶** **H02K 1/12**[52] **U.S. Cl.** **310/254; 310/216; 310/268**[58] **Field of Search** **310/268, 216, 254, 259, 310/44, 64; 336/233**[56] **References Cited****U.S. PATENT DOCUMENTS**

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Prithvi C. Lall; Michael F. Oglo[57] **ABSTRACT**

There is disclosed a stator for a disc type electric motor. The stator comprises an annularly-shaped member of a non-magnetic material, the member having a slotted portion and a non-slotted portion. The slotted portion includes slots extending radially from a central opening of the member to a periphery of the member, the slots being configured to retain electrical wire windings therein. The non-slotted portion is joined with the slotted portion and provides a bottom wall for the slots.

6 Claims, 2 Drawing Sheets